



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5
77 WEST JACKSON BOULEVARD
CHICAGO, IL 60604-3590

JAN 11 2016

REPLY TO THE ATTENTION OF:

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Anthony Jones
Director Environment
Essroc Italcementi Group
3251 Bath Pike
Nazareth, Pennsylvania 18064

Re: Approval and Request for Clarifications: Design Report SCR Pilot Study for Kiln 2 at
Logansport, Indiana, Essroc facility
Consent Decree in *United States v. Essroc Cement Corp*, No. 2: 11-cv-650-DSC

Dear Mr. Jones:

On November 24, 2015, Essroc submitted the Design Report for the Pilot Study of a Selective Catalytic Reduction (SCR) system at Kiln 2 of the Logansport, Indiana facility. Under the First Modification of Consent Decree, Essroc shall submit the Design report for EPA's review and approval. Based upon EPA's review, in consultation with the Indiana Department of Environmental Management (IDEM), the SCR Design Report for Kiln 2 is hereby approved, conditional upon Essroc clarifying the following points:

- Under Section 2, the Pilot Study discusses the appropriate temperature ranges to avoid ammonium bisulfate and dioxin/furan formation. Please specify the target/set point temperature range at which the SCR will be operated.
- Under Section 4, the Pilot Study states "For purposes of this work, "valid data" will be data collected while all flow rates were maintained at the appropriate set points, including reagent flows and flue gas flows, temperatures are maintained within acceptable ranges, kiln operation is acceptable, and daily calibrations are completed." When the information becomes available, please specify and summarize the specific appropriate and acceptable flow rate set points, reagent and flue gas flows, temperature ranges, and kiln operating parameters that will determine conditions for collecting valid data.

As part of this approval, EPA and IDEM reserve all legal and equitable remedies available to enforce the provisions of the Consent Decree. This approval shall not be construed to limit EPA's or IDEM's rights to obtain penalties or injunctive relief under the Clean Air Act or implementing regulations, or under other federal or State laws, regulations or permit conditions, except as expressly specified in the Consent Decree. See Consent Decree, Section XVII., entitled "Effect of Settlement/ Reservation of Rights."

If you have any questions regarding this letter, please contact Natalie Topinka of my staff at (312) 886-3853.

Sincerely,

A handwritten signature in black ink that reads "Sara Breneman". The script is cursive and fluid.

Sara J. Breneman
Chief
Air Enforcement and Compliance Assurance Branch

cc: Seema Kakade, OECA
Shaun Burke, OECA
Susan Perdomo/C-14J
Daniel Schaufelberger/AE-17J
Valerie Tachtiris, IDEM

CERTIFICATE OF MAILING

I, C. Hampton certify that I sent the letter "Re: Approval and Request for Clarifications:
Design Report SCR Pilot Study for Kiln 2 at Logansport, Indiana, Essroc facility"
by certified mail, return receipt requested, to:

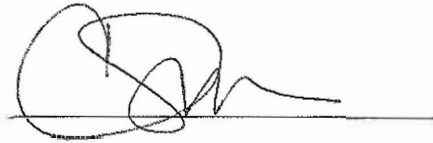
Anthony Jones
Director Environment
Essroc Italcementi Group
3251 Bath Pike
Nazareth, Pennsylvania 18064

With a copy via e-mail to:

Valerie Tachtiris, IDEM

vtachtir@idem.in.gov

On the 12th day of January 2016.



**Program Technician
AECAB, PAS**

CERTIFIED MAIL RECEIPT NUMBER:

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